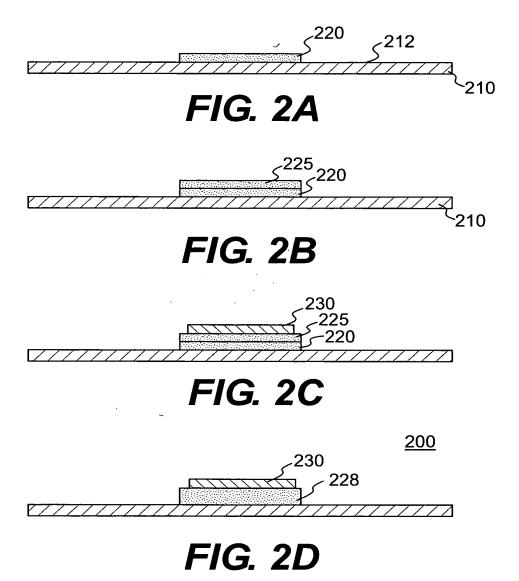
DIELECTRIC PASTE	_	2	က	4	2	9	7	8	6	9	E	12	55	4	5	9	4	<u>~</u>	190	2	12	22	23	24	23	92	12	8	62	ြ္က
BARIUM TITANATE	66.5	9.65	68.55	68.55	68.55 68.55 68.55 68.55 68.	68.556	55	65.74	65.74	66.11	62.88	62.88	62.886	62.22 5	59.8959.	8	66.5 68	68.5568.55		68.55 68	.5568	98.55/88/55/88		68.55 68	99.55 66	68.55 68	68.55 6	68.5568.55	.556	68.55
LITHIUM FLUORIDE				1.0		0:	0.1									<u> </u>	\ <u>`</u>	1.0	1.0	0	0.21	0.21 0.	0.21	0.21	0.21	0.16	10.	10.	1.0	0:
LITHIUM CARBONATE					5.6			.58	1.58	1.39	1.32	1.32	1.32	4	1.44	1.44	1.4		<u> </u>	1.4	0.62 0.	0.62 0.	0.62 0	0.62	0.62	0.47				
BARIUM FLUORIDE		1.36	1.18				8 8.										-	38.	86.	_	.25	1.25 1.	1.25	1.25	111	1.11	1.36	1.36	38.	1.36
ZINC FLUORIDE		0.74						2.16	2.1	88.	2 6.	8.	1.8	2.28	1.96	96.	1.9	0.74 0	0.74	<u>6</u> .	37	1.37	1.37	.37	1.37	1.27	0.74 [0	0.74 0	0.74	0.74
CALCIUM FLUORIDE						7.0						 	 				_	ļ												
MANGANESE FLUORIDE			0.92				0.74									 					ļ		-							Γ
MAGNESIUM FLUORIDE																							0	0.15 0	0.15 0	0.15				l
ZIRCONIA	3.9				·			3.86	3.86	3.88	4.73	4.73	4.73 4	4.68	5.4	5.4	3.9		<u> </u>	101	1.01	1.5 2	2.0	1.5	6:	6:				<u> </u>
GLASSA	11.8	10.3	10.25			9.3	12.0	11.67	11.67	11.73	14.28	14.28	14.2814.13		16.3	16.3	11.8 10	10.2510.25	7.25							=	0.25	10.2510.25	1251	10.25
GLASS B			1.0				6:											6.	0:				<u> </u>		16.0	16.0	2	0.1	6.	0:
GLASS C			1.0				5:					ļ <u>.</u>	 			ļ	-	6.	9:		 	 		\vdash			6.	6.	<u>\$</u>	2:
GLASS D				12.25	12.2512.25															16.0	16.0	16.0	16.0	16.0						
VEHICLE	9.9	6.5	5.9	7.5	1.1	6.5	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	9.9	5.9 5	5.9 4	4.0 4	4.0 4	4.0 4	4.0 4	4.0 4	4.0 4	4.0	5.9	5.9 5.	တ	5.9
SOLVENT 1	9.7	11.5	8.7	9.2	8.0	11.05 8.7		8.05	8.05	8.05	8.05	8.05	7.8	8.05	8.05 8	8.05	9.7	8.7	8.7 4	4.0	4.0 4	4.0 4	4.0 4	4.0 4	4.0 4	4.0	8.7	8.7	8.7	8.7
SOLVENT 2																			1	10.4 11	10.4 1(10.4 1(10.4 11	10.4	10.4	10.4				
OXIDIZER	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 1	1.0 1	1.0	1.0 1	1.0 1	1.0 1	1.0			0:1	1.0	1.0	1.0
PHOSPHATE WETTING AGENT	0.5	0.5	9:0	0.5	0.5	0.5	0.5	0.45	0.45 (0.45	0.45	0.7	0.45 0.45	745 (0	0.45 0	0.45 (0.5 0	0.5 0	0.5 0	0.5 0	0.5	0.5 0.	2	0.5	0.5	0.5 (0.5	0.5	0.5	0.5
	100.0	100.0100.55 99.0 100.0100.0 99.9 99	99.0	100.0	100.0	99.9	99.9	00.01	00.01	00.01	30.01	30.01	9.99	9.99	9.99	9)66.6	5.4510	8	0.010	8.7510	8.910	9.410	9.910	9.411(.9 100.01100.01100.01100.01199.99199.99199.99199.991105.451100.01108.751108.91109.41109.91107.41107.91100.01100.01100.01100.01100.0	7.911	00.0	30.010	0.0	00

FIG. 1



DIELECTRIC SAMPLE 1 2 3 4 5	_	2	~	4	LC	9	_	8 9 10 11 12 13 14 15	6	2	=	12	€.	4	5	16 17 18 19	7	~	9 20			2 2	3 2	21 22 23 24 25 26 27 28	5 2	6 2	7 28	53	30	
COPPER UNDERPRINT A A A A A	A	V	A	A	×	A	A A			<u> </u>	V	80	ى ن	V	V (7)	/ V	A	B A	AA	AA		/ Y	AA	۲ ا) O 1	0 (ш	ш	
COPPER ELECTRODE	W	AAAAA	A	~		A	A	V	<u> </u>	<u>~</u>	V	<u> </u>	ပ	V	A	J J	A	A	В	A	/ V	A C	1 0	A A	V	4 A	0	A	ш	
K AT ROOM TEMPERATURE	069	229	833	1408	1110	755 1	190	690 677 833 1408 1110 755 1190 2413 1200 2467 1500 1773 950 1677 1234 1357	200 2	467 1.	500	773 9)20 1(577 12	34 13		26 48	30 32	36 30	96 36	43 28	57 25	45 20	3326 4830 3236 3064 3643 2857 2545 2070 3530	30 2837	37 44.	444140412900	11290	01300	
DF % AT 10 KHz	5.5	2.3	7.1	4.0	6.0	1.5	0.4	5.5 2.3 7.1 4.0 6.0 1.5 0.4 2.5 0.3 1.4 2.5	0.3	1.4	2.5	1.1	1.6	4.1 1.6 1.5 3.8		1.4 2.0 1.0	0.	0 0.	0.4 1.7	7 1.	7 1	1.	0 0	1.7 1.1 1.0 0.5 2.5 1.0 1.0 0.8 0.9	5 1.	0 1.	~ 0	3 0.9	21.8	
CURIE POINT OC	125	125 125 125 45 -15 105 -35	125	45	÷5	1 05		ۍ	ප්	0 40	9	25	-15	-15 4	45 -2	-20	15 25	2 (0 15	-	15 1	15 15		15 25		-15 5 5	2	2	4.5	
K AT CURIE POINT	1242	382	1218	1449	1325	1120 1	312 2	1242 982 1218 1449 1325 1120 1312 2576 1787 2875 1609 1773 1495 1964 1533	787 2	875 1	609	773 14	495 1(964 15	33 14	33 1495 33	3393 4830		30 32	43 37	95 27	4830 3243 3795 2760 2829	29 31	3105 353	30 35	3530 3512 4961 4860	31486	0332	9 1385	
Batio ₃ grain Size (MICRONS)	0.5-	0.3-	0.3	0.3-	0.3-	0.3- (0.3- (0.5- 0.3- 0.3- 0.3- 0.3- 0.3- 0.3- 0.3- 0.5- 0.3- 0.3- 0.3- 0.3- 0.3- 0.3- 0.3- 0.3	1.0	2.0	0.1	1.0	1.0 1.0	5.1	0.0		0.5- 1.0- 1.0- 1.0- 1.0- 1.0- 3.0 8.0 8.0 4.0 6.0	0- 1.	0-1.0	0 -0.	0- 1.	1.0- 1.0- 6.0 3.0	0- 1.0- 0 4.0	0- 1.0-)- 1.0- 0 8.0	0.0				

F/G. 3